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**PATENT**  
Attorney Docket No.: 020552000410  
Client Reference No.: 1007

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

BERAUD et al.

Application No.: Unassigned

Filed: Herewith

For: HUMAN KINESINS AND  
METHODS OF PRODUCING AND  
PURIFYING HUMAN KINESINS

Examiner: Unassigned

Art Unit: Unassigned

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98**

Assistant Commissioner for Patents  
Washington, D.C. 20231

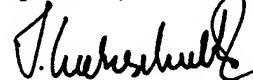
Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/295,612, filed April 20, 1999 (Attorney Docket No. 020552-000400US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Joe Liebeschuetz  
Reg. No. 37,505

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

### Complete if Known

Application Number	Unassigned
Filing Date	October 18, 2001
First Named Inventor	Beraud, Christophe
Group Art Unit	
Examiner Name	

Attorney Docket Number 020552-000410US

10/19/01  
10/19/01  
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### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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### FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AA		WO98/37197	PCT		08/27/1998		

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AB	Adams et al., "pavarotti encodes a kinesin-like protein require to organize the central spindle and contractile ring for cytokinesis," <i>Genes &amp; Development</i> , 12:1483-1494 (1998).	
	AC	Aizawa et al., "Kinesin Family in Murine Central Nervous System," <i>Journal of Cell Biology</i> , 119:1287-1296 (1992).	
	AD	Blangy et al., "Phosphorylation by p34 <sup>cdc2</sup> Regulates Spindle Association of Human Eg5, a Kinesin-Related Motor Essential for Bipolar Spindle Formation in Vivo," <i>Cell</i> , 83:1159-1169 (1995).	
	AE	Cole et al., "A 'Slow' Homotetrameric Kinesin-related Motor Protein Purified from <i>Drosophila</i> Embryos," <i>Journal of Biological Chemistry</i> , 269(37):22913-22916 (1994).	
	AF	Crevel et al., "Kinetic evidence for low chemical processivity in ncd and Eg5," <i>J. Mol. Biol.</i> , 273:160-170 (1997).	
	AG	Debernardi et al., "Identification of a Novel Human Kinesin Related Gene (HK2) by the cDNA Differential Display Technique," <i>Genomics</i> , 42:67-73 (1997).	
	AH	Desai et al., "Kin I Kinesins Are Microtubule-Destabilizing Enzymes," <i>Cell</i> , 98:69-78 (1999).	
	AI	Kim et al., "Cloning and expression of human mitotic centromere-associated kinesin gene," <i>Biochimica et Biophysica Acta</i> , 1359:181-186 (1997).	
	AJ	Kuriyama et al., "Heterogeneity and microtubule interaction of the CHO1 antigen, a mitosis-specific kinesin-like protein," <i>Journal of Cell Science</i> , 107:3485-3499 (1994).	
	AK	Le Guellec et al., "Cloning by Differential Screening of a <i>Xenopus</i> cDNA That Encodes," <i>Molecular and Cellular Biology</i> , 11(6):3395-3398 (1991).	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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### Complete if Known

Application Number	Unassigned
Filing Date	October 18, 2001
First Named Inventor	Beraud, Christophe
Group Art Unit	
Examiner Name	

Attorney Docket Number 020552-000410US

### FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AL	Lockhart et al.	"Kinetics and Motility of the Eg5 Microtubules Motor," <i>Biochemistry</i> , 35:2365-2373 (1996).					
	AM	Nislow et al.	"A plus-end-directed motor enzyme that moves antiparallel microtubules <i>in vitro</i> localizes to the interzone of mitotic spindles," <i>Nature</i> , 359:543-547 (1992).					
	AN	Noda et al.	"KIF2 Is a New Microtubule-based Anterograde Motor That Transports Membranous Organelles Distinct from Those Carried by a Kinesin Heavy Chain or KIF3A/B," <i>Journal of Cell Biology</i> , 129:157-167 (1995).					
	AO	Okada et al.	"A Processive Single-Headed Motor: Kinesin Superfamily Protein KIF1A," <i>Science</i> , 283:1152-1157 (1999).					
	AP	Pierce et al.	"Imaging individual green fluorescent proteins," <i>Nature</i> , 388(6640):338 (1997).					
	AQ	Raich et al.	"Cytokinesis and Midzone Microtubule Organization in <i>Caenorhabditis elegans</i> Require the Kinesin-like Protein ZEN-4," <i>Molecular Biology of the Cell</i> , 9:2037-2049 (1998).					
	AR	Sawin et al.	"Mitotic spindle organization by a plus-end-directed microtubule motor," <i>Nature</i> , 359:540-543 (1992).					
	AS	Sekine et al.	"A Novel Microtubule-based Motor Protein (KIF4) for Organelle Transports, Whose Expression is Regulated Developmentally," <i>Journal of Cell Biology</i> , 127(1):187-201 (1994).					
	AT	Thrower et al.	"Mitotic HeLa cells contain a CENP-associated minus end-directed microtubule motor," <i>EMBO</i> , 14(5):918-926 (1995).					
	AU	Tokai et al.	"Kid, a novel kinesin-like DNA binding protein, is localized to chromosomes and the mitotic spindle," <i>EMBO</i> , 15(3):457-467 (1996).					
	AV	Vale et al.	"Direct observation of single kinesin molecules moving along microtubules," <i>Nature</i> , 380:451-453 (1996).					
	AW	Walczak et al.	"XKCM1: A Xenopus Kinesin-Related Protein That Regulates Microtubule Dynamics during Mitotic Spindle Assembly," <i>Cell</i> , 84:37-47 (1996).					
	AX	Wang et al.	"Chromokinesin: a DNA-binding, Kinesin-like Nuclear Protein," <i>Journal of Cell Biology</i> , 128(5):761-768 (1995).					
	AY	Whitehead et al.	"The Spindle Kinesin-Like Protein HsEg5 Is An Autoantigen in Systemic Lupus Erythematosus," <i>Arthritis &amp; Rheumatism</i> , 39(10):1635-1642 (1996).					
	AZ	Wood et al.	"CENP-E Is a Plus End-Directed Kinetochore Motor Required for Metaphase Chromosome Alignment," <i>Cell</i> , 91:357-366 (1997).					

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Sheet	3	of			3	
					Attorney Docket Number	020552-000410US

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		Office <sup>3</sup>	Number <sup>4</sup>			
	BA	Wood et al., "Plus End-Directed Microtubule Motor Required for Chromosome Congression," PCT application claiming priority to U.S.S.N. 06/058,645 filed September 11, 1997.				
	BB	Wordeman et al., "Identification and Partial Characterization of Mitotic Centromere-associated Kinesin, a Kinesin-related Protein That Associates with Centromeres during Mitosis," <i>Journal of Cell Biology</i> , 128(1 & 2):95-105 (1995).				
	BC	Yen et al., "CENP-E is a putative kinetochore motor that accumulates just before mitosis," <i>Nature</i> , 359:536-539 (1992).				

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